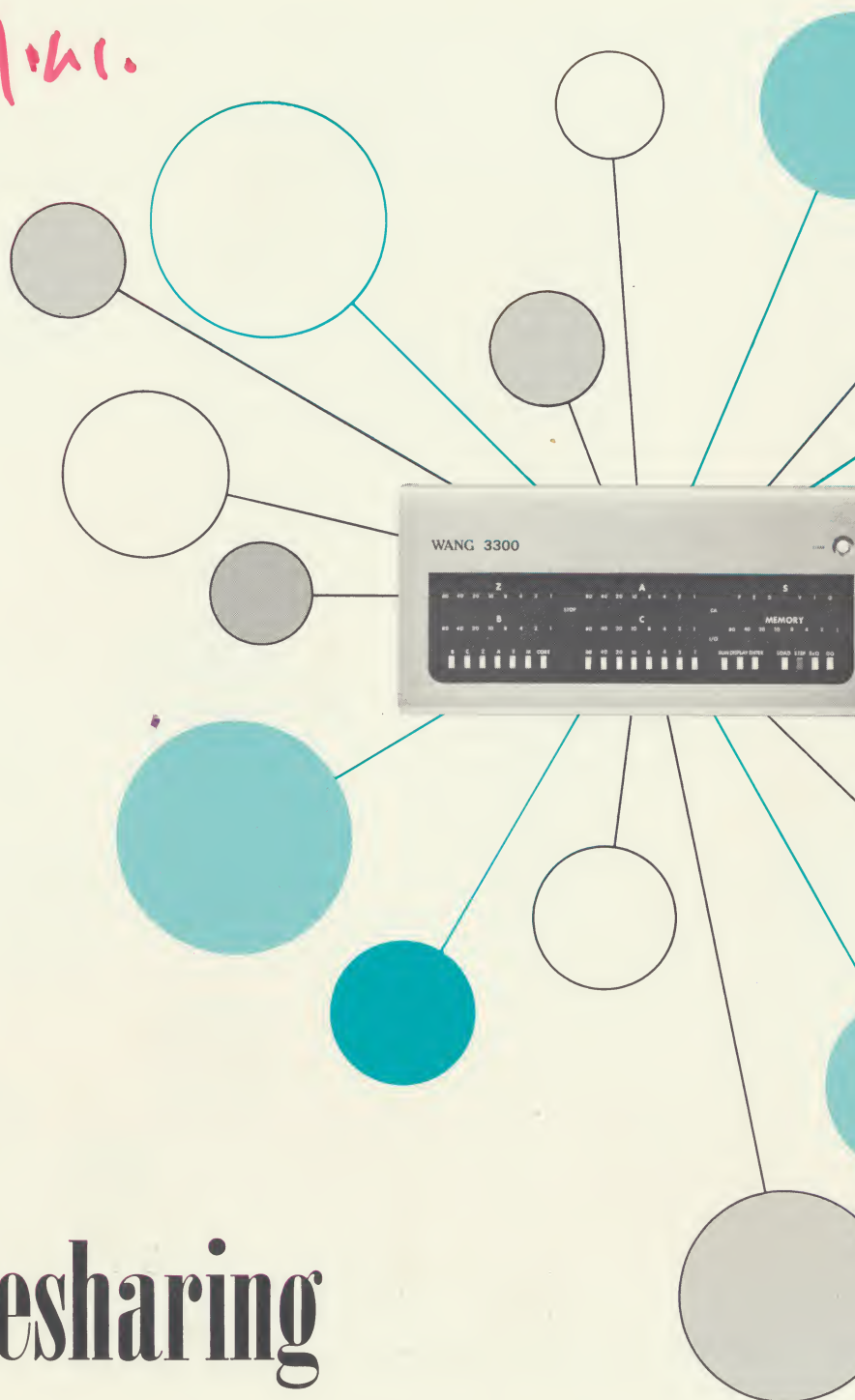


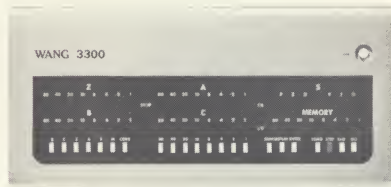
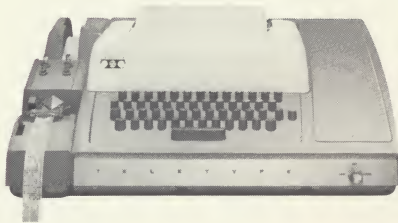
Wang's Mini.

The Logical Approach to In-house Timesharing

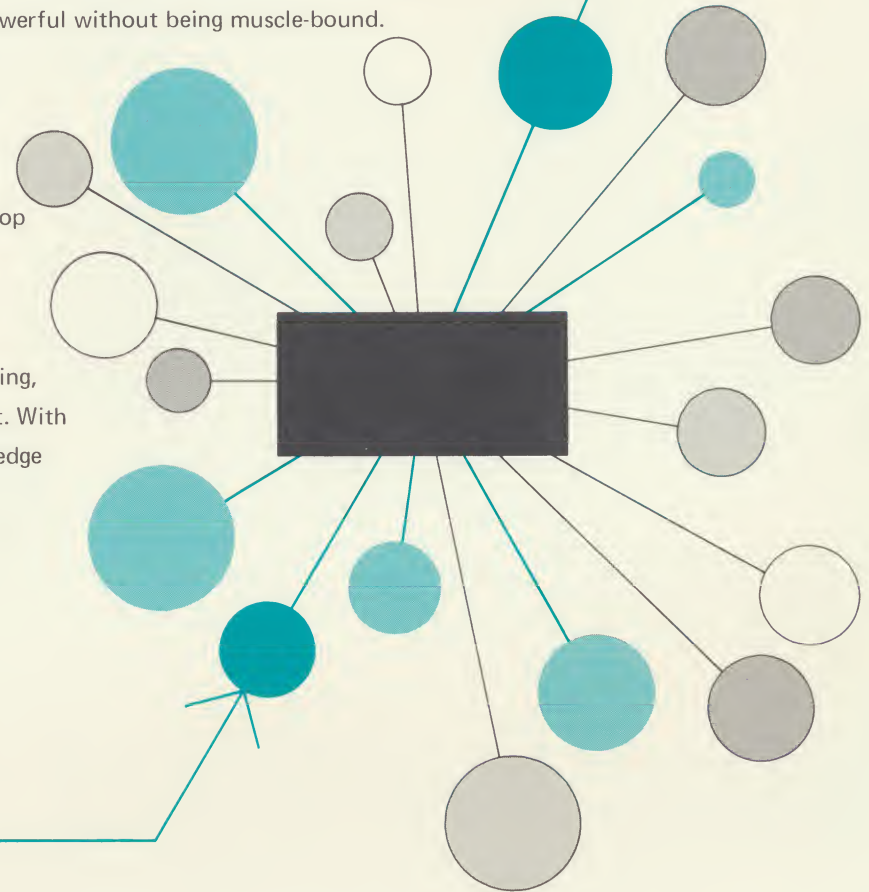


You buy a computer to solve problems, so the system you choose should be problem-free yet powerful. That is the logic behind our 3300 BASIC time-sharing system. For example:

- We offer a choice of terminals, either standard Teletypes or specially modified Selectric typewriters. Some people prefer Teletypes but many people appreciate the ease, speed and reliability of typewriter terminals. Even if someone never saw a terminal before, they can sit down at a typewriter and start solving problems.
- We use magnetic tape cassettes for storage: economical, fast, neat, durable, reliable and compact. This eliminates costly disc packs and fragile paper tapes. Anyone who can operate a cassette recorder can operate our system.
- Our system can start with one terminal and go up to sixteen. At any time you can add more memory. This eliminates the problem of suddenly growing out of your system.
- Our central processor uses BASIC, the easiest computer language available, and we made BASIC even more powerful. With a Wang 3300 you have real problem-solving power without programming difficulties.
- Our central processor is an 8-bit machine with the unique capability of handling 16-bits at one time thus the system is designed to take advantage of both 8-bit and 16-bit machines — resulting in a system designed for minimum cost. The 3300 is powerful without being muscle-bound.
- Systems Support — Wang Laboratories has made a TOTAL commitment in the small computer time-sharing industry. All time-sharing computer systems require continuing efforts by the manufacturer to increase software efficiency, develop and expand library programs, maintain the hardware systems and coordinate customer training. PHI Computer Services, Inc., a wholly-owned Wang subsidiary, is a specialist in computer consulting, programming and software design and development. With Wang hardware capability and PHI software knowledge and sales and service offices in the United States and overseas, Wang Laboratories is in a unique position to provide the necessary support.



The Approach



The Language

BASIC

BASIC was developed at Dartmouth College specifically as a simplified, easy to learn, and practical approach for solving problems in time-sharing systems. Wang 3300 BASIC goes one step further by providing additional built-in software features for operator convenience and efficiency. Only Wang 3300 BASIC can offer all of these unique features:

Immediate Mode — Each terminal user can EASILY have the system function as a powerful desktop calculator; even during program operation.

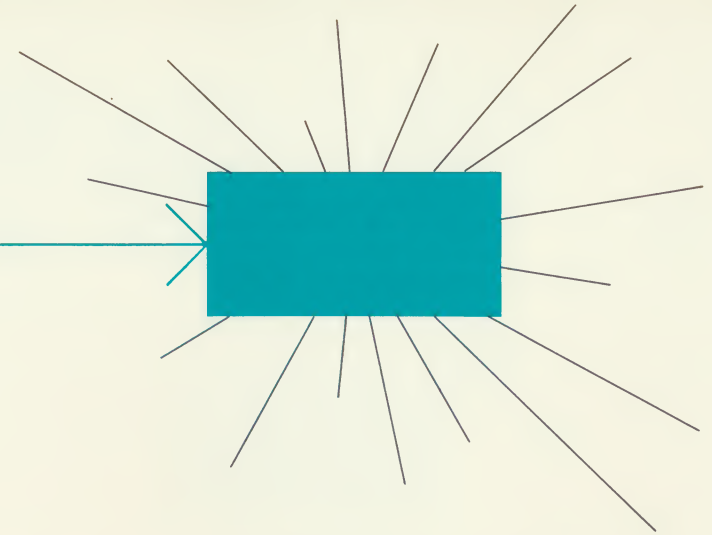
Instant Diagnostic Pointer — As it is entered, each line of a program is scanned for syntax and logic errors.

Trace Statement — This feature allows SELECTIVE debugging and checking by tracing the execution of a BASIC program.

Common Statement — A provision for common data allocation allows each user to retain variables between chained programs, permitting a high degree of sophistication in his work and more efficient use of his allocated core space.

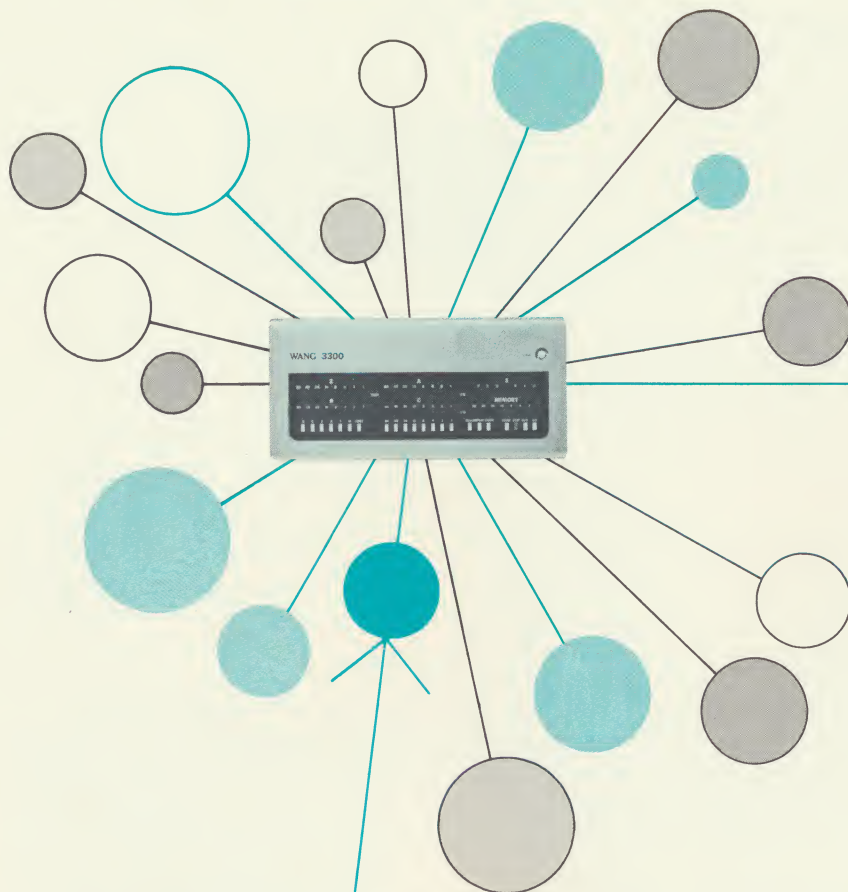
EXTENDED BASIC

The elegant simplicity of BASIC as a computer language allows anyone to operate a computer as efficiently as a trained programmer could. We took BASIC and developed Wang 3300 EXTENDED BASIC. Now anyone can easily operate a mini-computer using a language as powerful as a high-level computer language. Through 3300 EXTENDED BASIC, Wang offers an unequalled combination of simplicity of operation and problem-solving power.



A Few Of The Unique Capabilities of Wang 3300 EXTENDED BASIC —

- A complete Alpha-Numeric String Variable capability is available. This includes a function which enables comparison, extraction and replacement of alpha-numeric information on a character by character basis.
- Matrix Operation Statements, the sixteen available in 3300 EXTENDED BASIC permit single-statement operations such as Inversion and Transposition. Complementing the matrix operations, Wang EXTENDED BASIC provides 8-digit arithmetic with floating decimal point.
- Chaining Programs — Even in large computers, a problem is limited to the size of the computer. Wang EXTENDED BASIC allows a 3300 user to run long programs in segments. Thus, by using CHAIN statements, a 3300 can run long programs without operator intervention. Wang 3300 EXTENDED BASIC puts the problem-solving power of a large computer in our 3300 mini.
- File Operations — An extensive set of File Statements permits the input/output of file data with several peripheral devices.
- Formatted Printing Capability — 3300 EXTENDED BASIC contains several Print Statements in which variables can be formatted and printed in a user-specified image.



A Logical Alternative

1. *The logical alternative to Time-Sharing* — With all its hidden costs, like line charges, CPU time and minimum rental fees, a single terminal costs an average of well over \$1,000.00 each month. For less money you can own your private time-sharing system with several terminals.

2. *The logical alternative to Programmable Calculators* —

Being the World's largest manufacturer of programmable calculators, we're the last ones to talk against them. But if you really need a computer, our 3300 offers the advantages of a built-in calculator. Our Immediate Mode eliminates the need for both a computer and a calculator.

3. *The logical approach to Other In-House Systems* —

Compare our 3300 BASIC to any other system and draw your own conclusions.

Wang 3300 BASIC is a time-sharing system that provides sophisticated software and performance at costs never before available. This carefully engineered combination of hardware and software, designed around the powerful Wang 3300 computer, features the terminal option of either standard Teletypes or typewriter terminals. Wang has added features to the most popular conversational language, BASIC, for greatly simplified programming and terminal operation.

WANG LABORATORIES, INC., WE DO MORE SO YOU CAN

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